Amendments to the Specification:

Please replace the paragraph beginning on page 12, line 23 and ending on page 13, line 8 with the following paragraph:

FIGS. **7A-D** illustrate a method for making a bipolar plate with a cathode sealing frame and an anode sealing frame in accordance with the present invention. FIG. **7A** illustrates the step of providing a fluid barrier **15** having an anode flow field **12** attached to the anode side of the fluid barrier **15** and having a cathode flow field **16** attached to the cathode side of the fluid barrier **15**. FIG. **7B** illustrates the step of providing an anode sealing frame **21** and a cathode sealing frame **22** having a manifold **13** as required by an electrochemical cell stack. The sealing frames may be produced by a method selected from injection molding, compression molding, machining and combinations thereof. The anode sealing frame **21** has a lip **45** that receives the fluid barrier **15**. Optionally, gasket surfaces **17** produced by a screen-printing process are incorporated into the sealing frames **21, 22**. FIG. **7C** illustrates the step of inserting the fluid barrier **15** into the lip **45** and aligning the sealing frames **21, 22** so that the manifolds **13** are properly aligned. Optionally, a laser absorber layer **46** may be applied to the cathode sealing frame to absorb the laser light used in the laser welding procedure. FIG. **7D** illustrates the step of welding the sealing frames **21, 22** together with a laser welder, the laser light **47** being absorbed by the laser absorber layer to melt the polymer frames **21, 22**, thereby bonding the frames **21, 22** together.